

Route 9/44/55 Interchange & Arterial Analysis

Kickoff Meeting
September 6, 2019

Presented by:



Purpose of Meeting

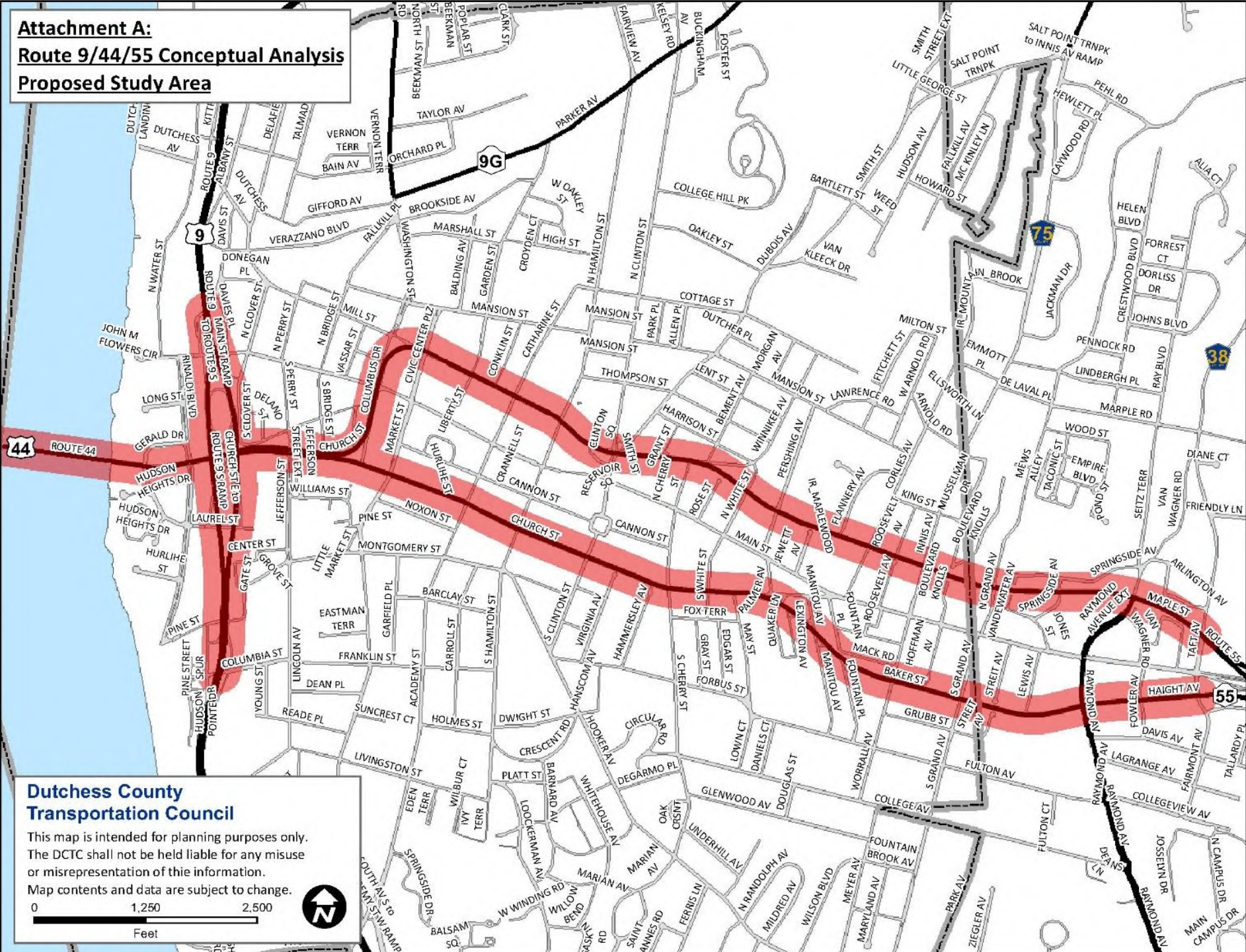
- Introduce Project
- Input on
 - Critical Success Factors
 - Draft Study Purpose
 - Project Name
 - Branding
 - Study Area / Data Collection

Agenda

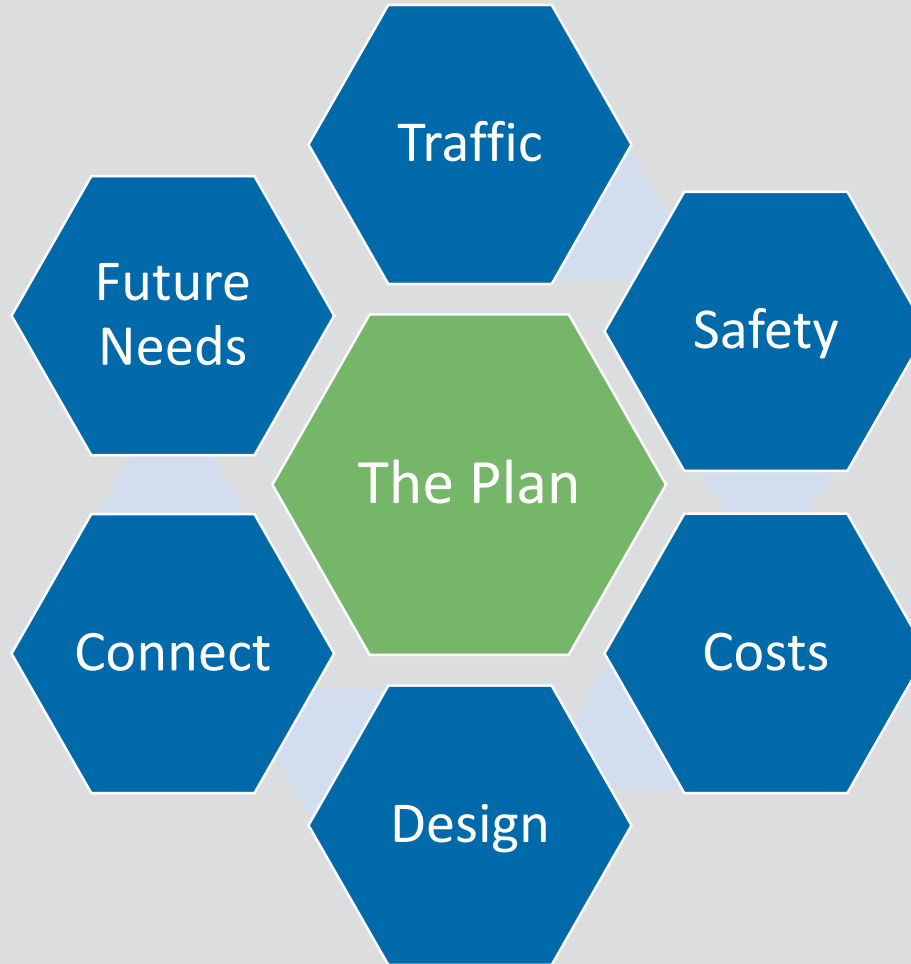
- Introductions
- Project Overview
 - Study Area
 - Goals and Objectives
 - Critical Success Factors
- Project Approach
 - Scope and Schedule
 - Public Engagement
 - Data Collection Plan



Attachment A:
Route 9/44/55 Conceptual Analysis
Proposed Study Area



Overall Project Goals



Traffic Operations

- Evaluate how the **interchange and arterials** currently function, **identify** significant operational **deficiencies**, and **prioritize improvements** to increase their efficiency and reliability.



Transportation Safety

- Identify and prioritize **short-, mid-, and long-term safety improvements** to better protect vehicle occupants, pedestrians, bicyclists, and transit customers



Future Needs

- Estimate **future travel** requirements based on **major development proposals**, demographic changes, **travel behavior trends**, and technological improvements.



Connectivity

- Develop recommendations to improve connections between the **interchange, arterials, and intersecting streets**, improving access and connectivity between **neighborhoods**, the **downtown business district**, and key activity centers.



Roadway Design

- Recommend **design concepts** that support **multi-modal** transportation and enhance the livability, visual quality, sustainability, and economic vitality of the area, while maintaining traffic operations.



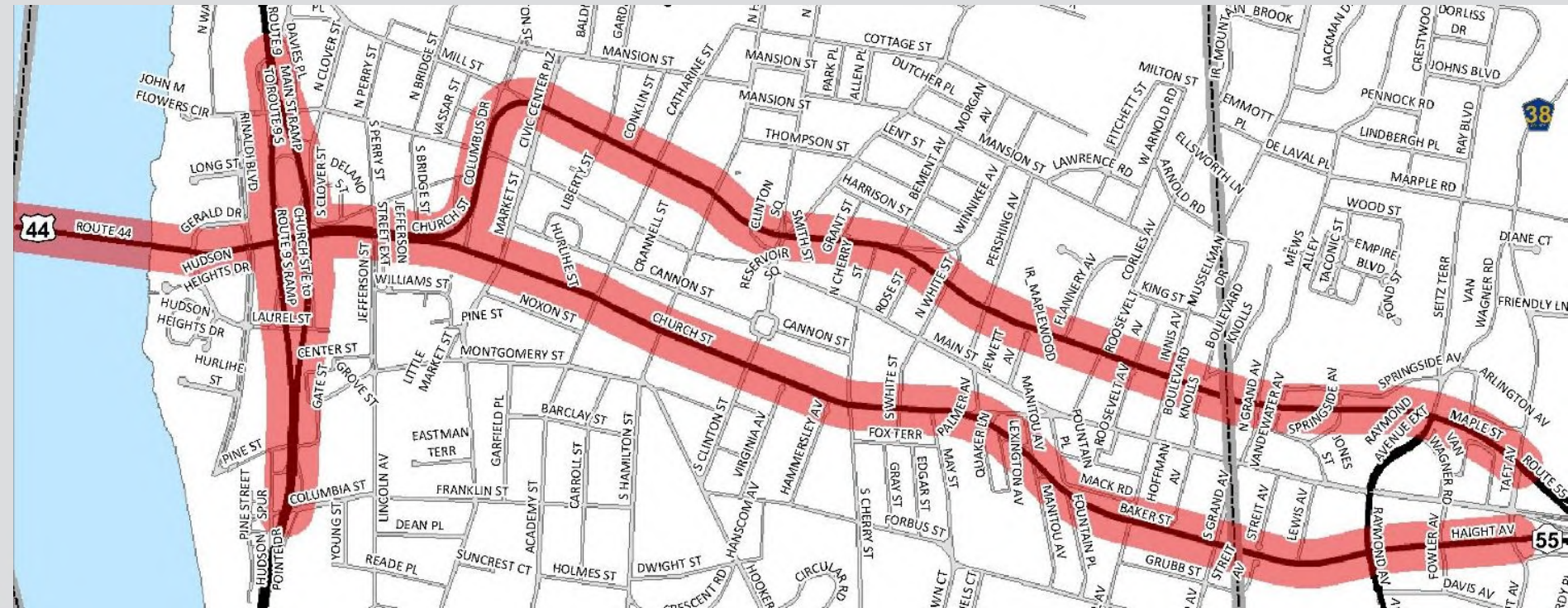
Cost Estimates

- Provide planning level **cost estimates** for recommended improvements.



Critical Success Factors ?

- What is most important to you?
- What outcome do you want to see?



Draft Study Purpose

The purpose of this study is to identify feasible transportation improvements for all users in Downtown Poughkeepsie through a public process, focused on the 44/55 Arterials and the 9/44/55 interchange, to address identified connectivity, operations, and safety needs.

Approach

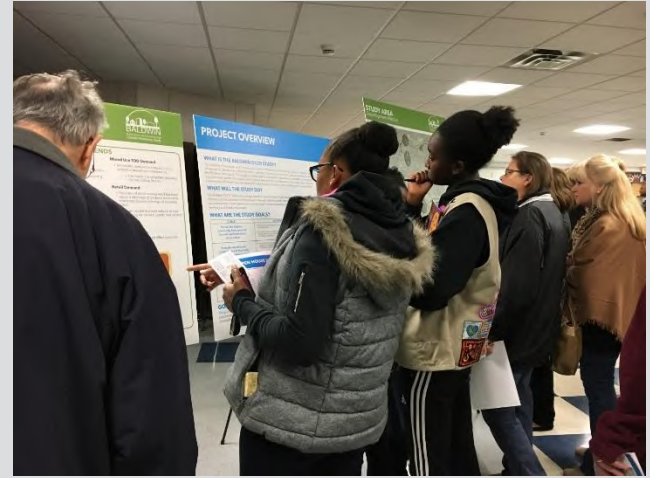
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Study Phases



Public Engagement

- Branding
- Website
- 10 Advisory Committee Mtngs
- 6 Pop-up Events
- 6 Stakeholder Interviews
- 4 Public Workshops
- City and Town Board Presentations
- Flyers
- Email List



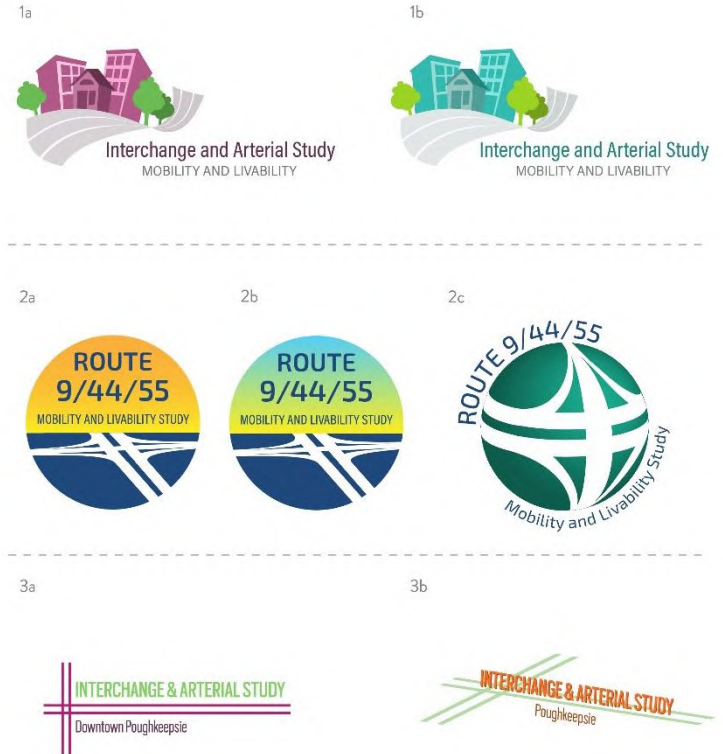
PROJECT BRANDING

3 KEY DECISIONS

1. Project Name

2. Project Color Scheme

3. Project Logo Design



PROJECT BRANDING | Name

Option A:

Interchange and Arterial Study
Mobility + Livability

Food for thought:
Project URL

Option B1:

Interchange and Arterial Study
Poughkeepsie

Option B2:

Interchange and Arterial Study
Downtown Poughkeepsie

Option C:











Route 9/44/55 Mobility and Livability Study

Option D:

Any other ideas?

PROJECT BRANDING | Color

Reminder – colors may appear to look different on different screens

Option	Color Scheme	Primary Color	Secondary Color
A	Purple		
B	Teal		
C	Navy		
D	Dark Green		
E	Orange		

PROJECT BRANDING | Design

Reminder – colors and project name options can be applied to any design

Option A:

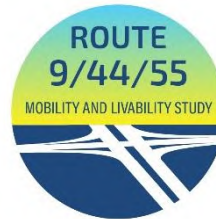


Interchange and Arterial Study
MOBILITY AND LIVABILITY

Option B1:



Option B2:



Option D1:



Option C:



Option D2:



Option E: Other ideas?

PUBLIC ENGAGEMENT | Pop-Ups

3 KEY DECISIONS

1. **WHERE?** Brainstorm potential events and locations for pop-ups
2. **Why?** What kind of input is most useful at this point?
3. **How?** Begin discussion of how that input could be collected.

PUBLIC ENGAGEMENT | Pop-Ups

Where?

Brainstorm potential events and locations for pop-ups

PUBLIC ENGAGEMENT | Pop-Ups

Why? What kind of input is most useful at this point?

Potential options:

What are the biggest issues?

Where are the biggest issues? (place a dot on a map)

What are your priorities for transportation?

Open-ended question versus provide options such as: reduce congestion, improve safety, improve bicycle facilities, improve pedestrian amenities, increase transit options, etc.

What are your priorities for land use and economic development along these corridors?

(i.e. attract and retain neighborhood businesses, enhance sense of identity, encourage more open space, expand commercial opportunities, etc.)

PUBLIC ENGAGEMENT | Pop-Ups

How?



Data Collection – Previous Studies/Plans

- Comprehensive Plan (1998)
- Walk / Bike Plan (2014)
- Poughkeepsie Transportation Strategy (1997)
- Main Street Economic Development Strategy/City Center Revitalization Plan (2014)
- Poughkeepsie Waterfront Redevelopment Strategy (2015)
- Arlington Town Center Pedestrian Plan (2017)
- City Center Connectivity Project (2018)

Data Collection – Existing Data

- Planned Developments/Other Ongoing Studies
- GIS Shapefiles
 - Parcels
 - Zoning
- Existing Geometric Conditions inventory
- Traffic Signal Timing/Phasing
- Crash Data from NYSDOT/DCTC
 - Interchange - most recent 3-year period
 - Arterials – most recent 6-year period
- Pavement/Sidewalk Conditions (?)



Data Collection - Interchange



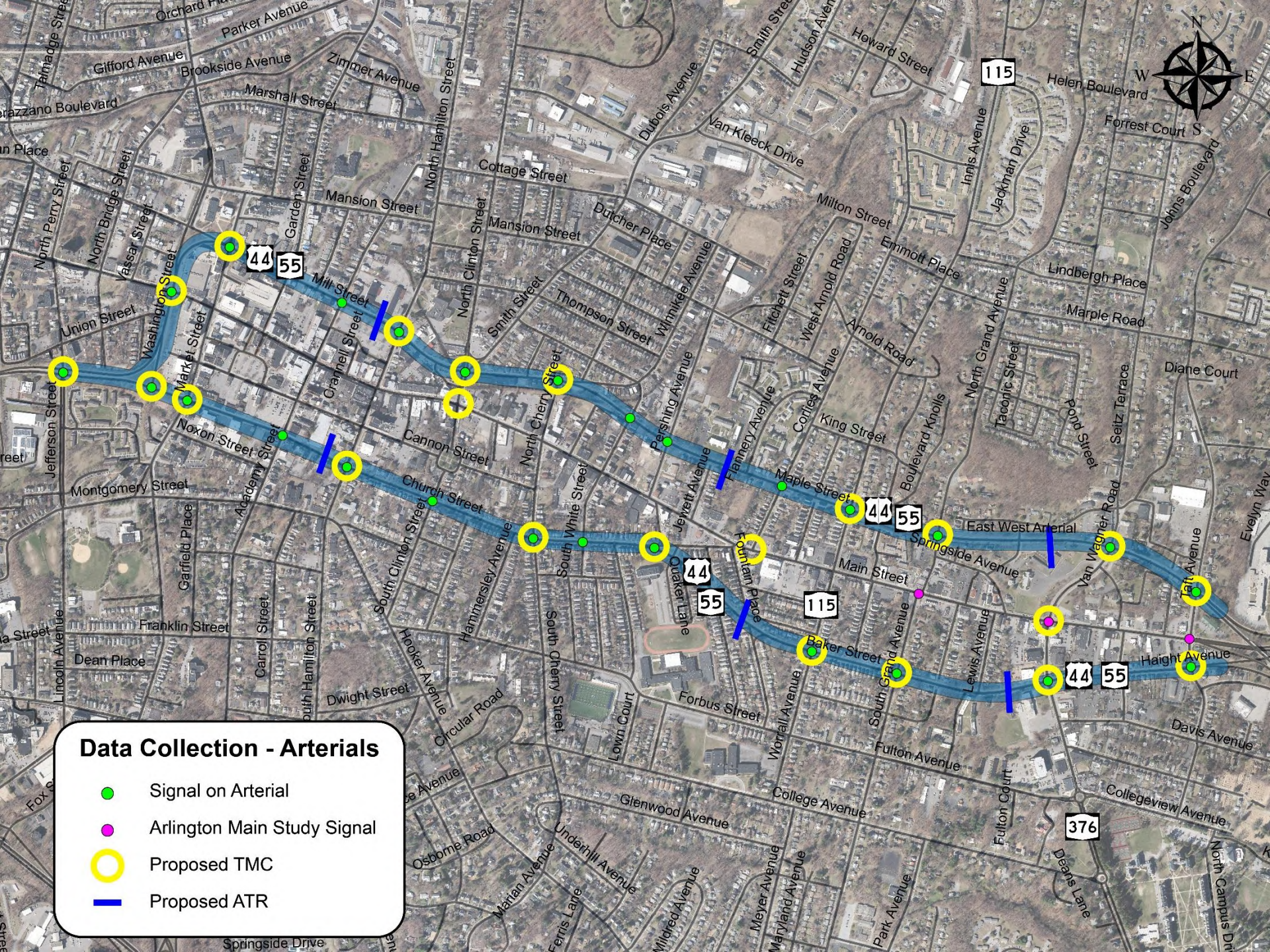
Proposed TMC



Proposed ATR

New Data Collection – Interchange

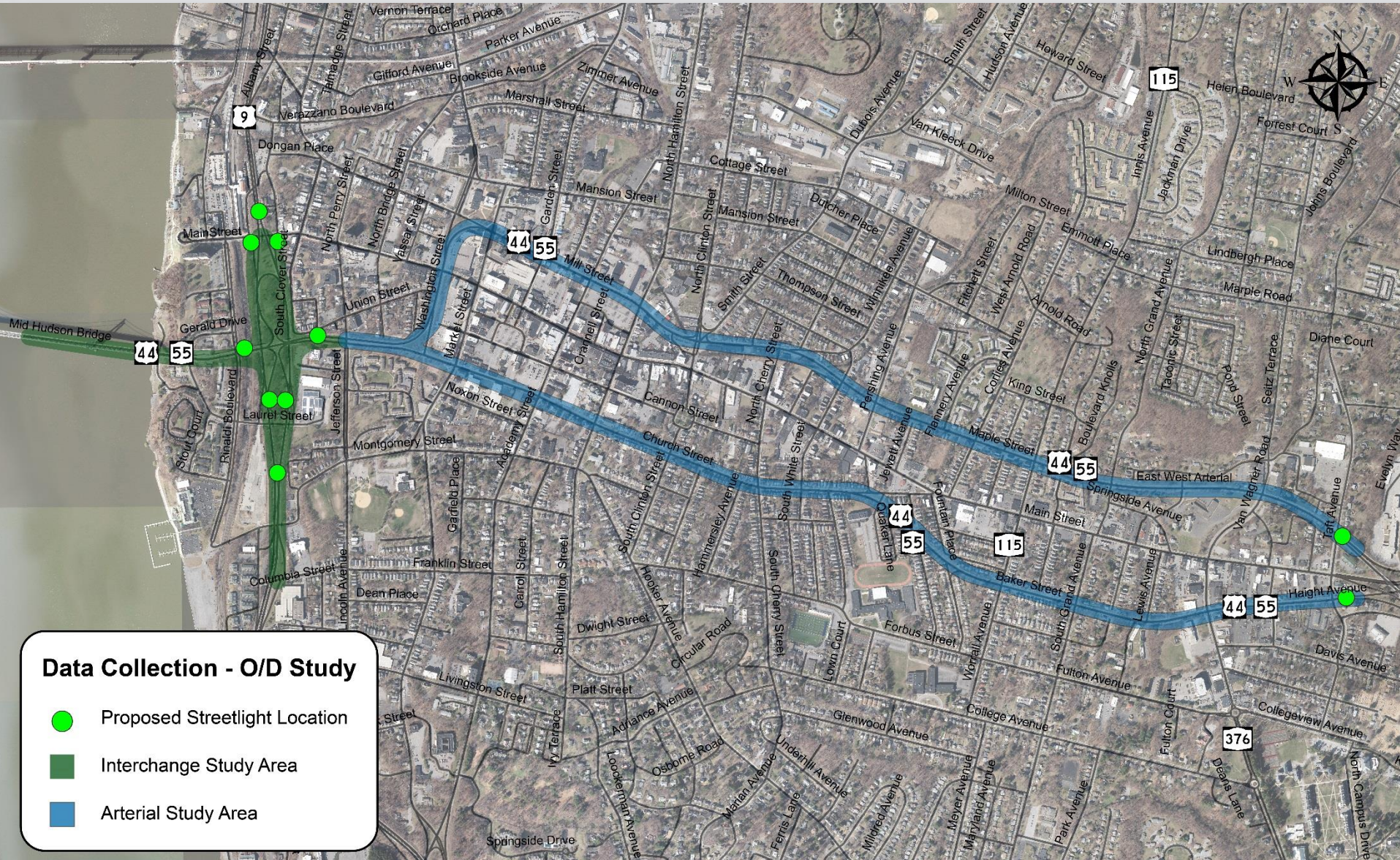
- 18 automatic traffic recorders (ATRs) on all mainline segments and ramps
 - Tuesday through Saturday
- 4 turning movement counts (TMCs) at ramp intersections
 - Weekday morning/afternoon and Saturday mid-day peak periods



New Data Collection – Arterials

- 6 ATRs – 3 locations on each bound
 - Tuesday through Saturday
- 19 TMCs on the arterials
 - Weekday morning/afternoon and Saturday mid-day peak periods
- 3 TMCs on Main Street during same time periods (1 from Arlington Main Study)
- Bike and pedestrian counts to be collected at study intersections
- Spot speeds to be collected at screen lines

Data Collection Map – O/D Study



New Data Collection – O/D Study

- Origins and Destination (O/D) assessment using StreetLight
 - 6 origins and 6 destinations for vehicles on interchange ramps
 - Westerly and Easterly screen lines for vehicles entering and exiting the interchange
 - Screen line on the arterials for vehicles entering/exiting the eastern boundary of the study area

Next Steps

- Finalize Study Area / Data Collection Plan
- Existing conditions
- Website/Logo
- Begin public engagement
- ID stakeholders
- Next meeting